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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/676,718	09/30/2003	Sankara Sastry Varanasi	50325-0820 2950		
29989 HICKMAN PA	7590 08/23/2007 ALERMO TRUONG & B	ECKER, LLP	EXAM	EXAMINER	
2055 GATEWAY PLACE			AUGUSTINE, NICHOLAS		
SUITE 550 SAN JOSE, CA	A 95110		ART UNIT	PAPER NUMBER	
			2179		
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			08/23/2007	PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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	Application No.	Applicant(s)				
Office Action Summers	10/676,718	VARANASI ET AL.				
Office Action Summary	Examiner	Art Unit				
	Nicholas Augustine	2179				
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	orrespondence address				
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. If NO period for reply is specified above, the maximum statutory period v - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be tin will apply and will expire SIX (6) MONTHS from a cause the application to become ABANDONE	N. nely filed the mailing date of this communication. D (35 U.S.C. § 133).				
Status	•					
1) Responsive to communication(s) filed on 04 Ju	ine 2007.					
2a)⊠ This action is FINAL . 2b)□ This action is non-final.						
3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.						
Disposition of Claims						
4) ☐ Claim(s) 1-42 is/are pending in the application. 4a) Of the above claim(s) is/are withdraw 5) ☐ Claim(s) is/are allowed. 6) ☐ Claim(s) 1-42 is/are rejected. 7) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) are subject to restriction and/or	vn from consideration.					
Application Papers						
9)⊠ The specification is objected to by the Examiner.						
10)☐ The drawing(s) filed on is/are: a)☐ accepted or b)☐ objected to by the Examiner.						
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).						
Replacement drawing sheet(s) including the correct 11) The oath or declaration is objected to by the Ex	· · · · · · · · · · · · · · · · · · ·	•				
Priority under 35 U.S.C. § 119						
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority documents 2. Certified copies of the priority documents 3. Copies of the certified copies of the priority application from the International Bureau * See the attached detailed Office action for a list	s have been received. s have been received in Applicati rity documents have been receive u (PCT Rule 17.2(a)).	ion No ed in this National Stage				
Attachment(s)						
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date	4) Interview Summary Paper No(s)/Mail Do 5) Notice of Informal P 6) Other:	ate				

Application/Control Number: 10/676,718 Page 2

Art Unit: 2179

DETAILED ACTION

A. In response to the following communications: Amendment filed 06/04/2007. This

action is made Final.

B. Claims 1-42 remains pending in this case

Specification

1. The specification is objected to as failing to provide proper antecedent basis for

the claimed subject matter. See 37 CFR 1.75(d)(1) and MPEP § 608.01(o). Correction

of the following is required: Claim 13 discloses a "computer-readable storage medium"

this term is not disclosed in the specification.

Claim Objections

2. Claims 14-22 are objected to because of the following informalities: fail to refer

back to parent claim 13. The amendment to claim 13 "computer-readable storage

medium" was not implemented for claims 14-22 to amend "computer-readable medium"

to "computer-readable storage medium" for proper antecedent basis. Appropriate

correction is required.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Page 3

4. Claims 1-42 are rejected under 35 U.S.C. 102(e) as being anticipated by Underwood et al (US 6,697,825 B1).

As for independent claim 1, Underwood teaches a system for generating a graphical user interface for an application program (col.4, lines 50-61), comprising: one or more business objects that define functions of the application program (col.13, lines 52-61); one or more metadata elements defining parameters for the functions of the business object (col.21, lines 5-11); a controller configured for invocation by a browser and communicatively coupled to one or more actions, widgets, and panels (col.41, lines 14-36); a service object manager coupled to the controller and to the business objects, and configured to supply service object parameter values from the business objects and metadata elements to the actions (col.41, lines 37-57); wherein the controller comprises logic configured to receive a user request from the browser and to dispatch the user request to one or the actions (col.42, lines 21-34); wherein the actions comprises logic configured to interact with the business objects through service object manager to obtain service object parameter values to the actions (col.41, lines 47-53);

Application/Control Number: 10/676,718

Art Unit: 2179

wherein the controller comprises logic configured to associate the service object parameter values with one of the widgets, place the one of the widgets in one of the panels (col.42, lines 4-20), and to generate an HTML user interface page that includes the panel (col.42, line 18).

(Note: columns 39-44 as a simple outline of the disclosed art, further reading around the subject yields a better understanding of terms and definitions as well as practice of use.)

As for independent claims 2,13,23 and 33, Underwood teaches a method and corresponding medium and apparatus of automatically generating a consistent user interface for an application program (col.4, lines 50-61; templates user definedproducing automatic page creation in particular layout, style, etc), the method comprising the computer-implemented steps of: receiving one or more business objects that each define a user action for the application program (col.13, lines 52-61); receiving one or more metadata elements defining parameters for the user actions of the business object (col.21, lines 5-11); invoking a controller that is communicatively coupled to one or more actions, widgets, and panels (col.41, lines 14-36); receiving a user request from the browser and dispatching the user request to one or the actions (col.42, lines 21-34); obtaining, using the actions, one or more parameter values from the business objects (col.41, lines 47-53); associating, using the actions, the business object parameter values with a widget selected from among the one or more widgets (col.42, lines 4-20); associating the selected widget with a panel selected from the one or more panels

Application/Control Number: 10/676,718

Art Unit: 2179

(col.42, lines 4-20); and generating an HTML user interface page that includes the selected panel (col.42, line 18).

As for dependent claims 3-11, 13-22, 24-32 and 34-42, Underwood teaches a method and corresponding medium and apparatus as recited in Claims 2,13,23,and 33,

- wherein the business object parameters are associated with one of the widgets based on the user request (col.16, lines 6-33).
- wherein the application program is a network management application
 program (col.42, lines 54-67 and col.43, lines 1-13).
- wherein receiving one or more business objects that define functions of the
 application program comprises receiving an XML file that defines the
 business objects and one or more of the parameters for the business objects
 (col.49, lines 4-20).
- further comprising the step of generating, using the widget, client-side
 executable program code that performs one or more data validation or access
 control operations on user input for the user operation (col.39, lines 64-67 and
 col.40, lines 1-21).
- wherein the step of receiving a user request comprises receiving a user request from the browser and dispatching the user request to one or the actions, wherein the actions interact with the business objects through service object module interfaces that provide parameter values for the business objects to the actions (col.41, lines 37-57 and col.42, lines 21-34).

receiving user input in a field of the user interface that is associated with the widget, wherein the user input is received in HTML elements of an HTTP request from a browser (col.39, lines 56-67 and col.40, lines 1-10 and col.42, lines 21-34);

- converting the user input from the HTML elements into one or more programmatic objects having an appropriate data type for use by the application program (col.39, lines 56-67 and col.40, lines 1-10 and col.42, lines 21-34).
- further comprising the step of associating a first widget with a second widget, wherein the first widget and second widget are related by a containment hierarchy (figure 54).
- wherein each of the widgets represents one or more properties of the business objects by an HTML element (col.46, lines 1-6).
- wherein the step of generating an HTML user interface page that includes the panel further comprises generating an HTML user interface page that includes one or more of JSP files, static HTML elements, style sheets, or images (col.48, lines 12-14 and 23).

As for independent claim 12, Underwood teaches a method of automatically generating a consistent user interface for a network management application program (col.4, lines 50-61; note that "for a network management application program" is intended use), the method comprising the

computer-implemented steps of: receiving one or more definitions of service objects, wherein each definition specifies a user action for the network management application program (col.42,lines 4-34); receiving one or more metadata elements defining parameters for the user actions of the service objects (note the analysis of claims 1-2); invoking a controller that is communicatively coupled to one or more actions, widgets, and panels(note the analysis of claims 1-2); receiving a user request from the browser and dispatching the user request to one or the actions(note the analysis of claims 1-2); obtaining one or more parameter values from the service objects by interaction of the actions with service object model interfaces that are implemented by the service objects (note the analysis of claims 1-2); associating the service object parameter values with a widget selected from among the one or more widgets(note the analysis of claim 2); associating the selected from the one or more panels(note the analysis of claim 2); and generating an HTML user interface page that includes the selected panel(note the analysis of claim 2).

NOTE:

It is noted that any citation to specific, pages, columns, lines, or figures in the prior art references and any interpretation of the references should not be considered to be limiting in any way. A reference is relevant for all it contains and may be relied upon for all that it would have reasonably suggested to one having ordinary skill in the art. In re Heck, 699 F.2d 1331, 1332-33, 216 USPQ

1038, 1039 (Fed. Cir. 1983) (quoting In re Lemelson, 397 F.2d 1006,1009, 158 USPQ 275, 277 (CCPA 1968)).

Response to Arguments

Applicant's arguments with respect to claims 1-43 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Inquires

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nicholas Augustine whose telephone number is 571-270-1056. The examiner can normally be reached on Monday - Friday: 7:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Weilun Lo can be reached on 571-272-4847. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

N. Augustine August 16, 2007 Nicholas Augustine Examiner

2179

PRIMARY EXAMINER